

Homology region One (PKCa, PKCt, PKCd):

alpha: 1276 atggaatatgtcaacggtggggacctcatgtaccacat 1313
 ||||| | ||||| ||||| | ||||| |||||
 theta: 1393 atggagtacctaacggaggggacttaatgtaccacat 1430
 ||||| | ||||| ||||| | ||||| |||||
 delta: 1337 atggagttcctcaacgggggggacctgatgtac 1369
 Examples: 3'CCTPABKBAGTTGCCBCCC
 3'GCCBCCCCTGKABTACATG

Homology region Two (PKCa, PKCt, PKCd):

alpha: 1398 aggaatcatttatagggatctgaagttagataacgtcatgttggttcagaaggacatat 1457
 || || | || ||||| || || | || || | ||||| || || || ||
 theta: 1515 aggaatagtctacagggacctaagctagataaacatcctgttagacaaagatggacatat 1574
 || || | || ||||| || || | || || | ||||| || || || ||
 delta: 1459 gggcatcatttacagggacctaactggacaatgtgctgttggtgaccgggatggccacat 1518
 Examples: 3TCCCTKGABTTPKAKCTKT
 3'ACAAPCTKBBPCTBCCBGT

alpha: 1458 caaaattgctgactttgggatgtgcaaggaacacatgatggatggagtcacgaccaggac 1517
 ||| || || || ||||| ||||| || || || || | || || || ||
 theta: 1575 caagatcgcggtattttggaatgtgcaaggagaacatgttaggagatgccaaagacgaatac 1634
 ||| || || || ||||| ||||| || || || || | || || || ||
 delta: 1519 caagattgccgactttgggatgtgcaaagagaacatattcggggagagccgggccagcac 1578
 Examples: 3'CGBCTKAAACCPTACACG
 3'PTACACGTPCTPBTGTA
 3'CACGTPCTPBTGTAPB

alpha: 1518 cttctgtgggactccagattatatcgccccagagat 1553
 ||||| || || || || || ||||| ||||| |||||
 theta: 1635 cttctgtgggacacctaactgactacatcgccccagagat 1670
 ||||| || || || || || ||||| ||||| |||||
 delta: 1550 cttctgcggcaccctgactatatcgccccagagat 1614
 Examples: 3'GAAGACKCCBTGBGGACT
 3'KATKTAGCGGKGBCTCT

FIG.2

bcl-2B: 116 gttggccccg¹gttgcttttctctggaaggatggcgacgctgggagaaacggggtacga 175
 |||||
 bcl-2C: 1 gttggccccg¹ttacttttctctotgggaaatatggcgacgctgggagaaacagggtacga 60
 Examples: 3' GGGCAAPGAAAAGGAGAC
 3' CCTTPBTACCGCGTGCGACCC
 3' CCCTCTTG¹PCCCATGCT
 3' CGA-

bcl-2B: 176 caaccgggagatagtgatgaagtacatccattataagctgtcgcagaggggctacgagtg 235
 |||||
 bcl-2C: 61 taaccgggagatagtgatgaagtacatccattataagctgtcgcagaggggctacgagtg 120
 Examples: -KTTGGCCCTCTATCAC

bcl-2B: 236 ggatgcgggagatgtggg¹cgccg¹cgccccggggcgccccgcacccgggcatcttctc 295
 |||||
 bcl-2C: 121 ggatgcgggagatgtggg¹cgccg¹cgccccggggcgccccgcg¹cggggcatcttctc 180
 Examples: 3' GGGCGPGGCCCGTAGAAG
 3' GAG-

bcl-2B: 296 ctcccagcccgggcacacgccccatccagccgcatcccgcgacccgggtcgccaggacctc 355
 |||
 bcl-2C: 181 ctgcgagcccgggcacacgccccatacagccgcatcccgggacccgggtcgccaggacctc 240
 Examples: -GAGBGTGCGGGCCCGT
 ###3' GGGCCPGTGTGPGKGGTA###
 3' GGGTABGTGCGCGTAGG
 3' CGTAGGGCBCTGGGCC

bcl-2B: 356 gccgctgcagaccccggtgcccccggcgcgcgcgcggggcctgcgctcagcccggtgcc 415
 |||||
 bcl-2C: 241 gccgctgcagaccccggtgcccccggcgcgcgcgcggggcctgcgctcagcccggtgcc 300
 Example: ###3' CGTCTGKGGCCGACGGKGG###
 ###3' GGC¹PGPGGPGGPGCCCPG###

bcl-2B: 416 acctgtggtccacctggccctccgccaagccggcgacgacttctcccgccgctaccgcgg 475
 |||||
 bcl-2C: 301 acctgtggtccacctgacctccgccaaggccggcgacgacttctcccgccgctaccgcgg 360
 Examples: 3' AGGTGGACPGGGAGGC
 3' GGC¹GGT¹PCGGCCGC
 3' GGCGB-

bcl-2B: 476 cgacttcgcccagatgtccagccagctgcacctgacgcccttcaccgcgcggggacgctt 535
 |||||
 bcl-2C: 361 cgacttcgcccagatgtccagccagctgcacctgacgcccttcaccgcgcggggacgctt 420
 Examples: -CGTGAAGCGGCTC
 3' CTGGTCBGTGACGTGG

FIG.3